

Analysis of Tools Used to Streamline Institutional Repository Workflows



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Presentation based on the preprint “Evaluating Zotero, SHERPA/RoMEO, and Unpaywall in an Institutional Repository Workflow.” Article to be published in the September 2019 issue of the *Journal of Electronic Resources Librarianship*.

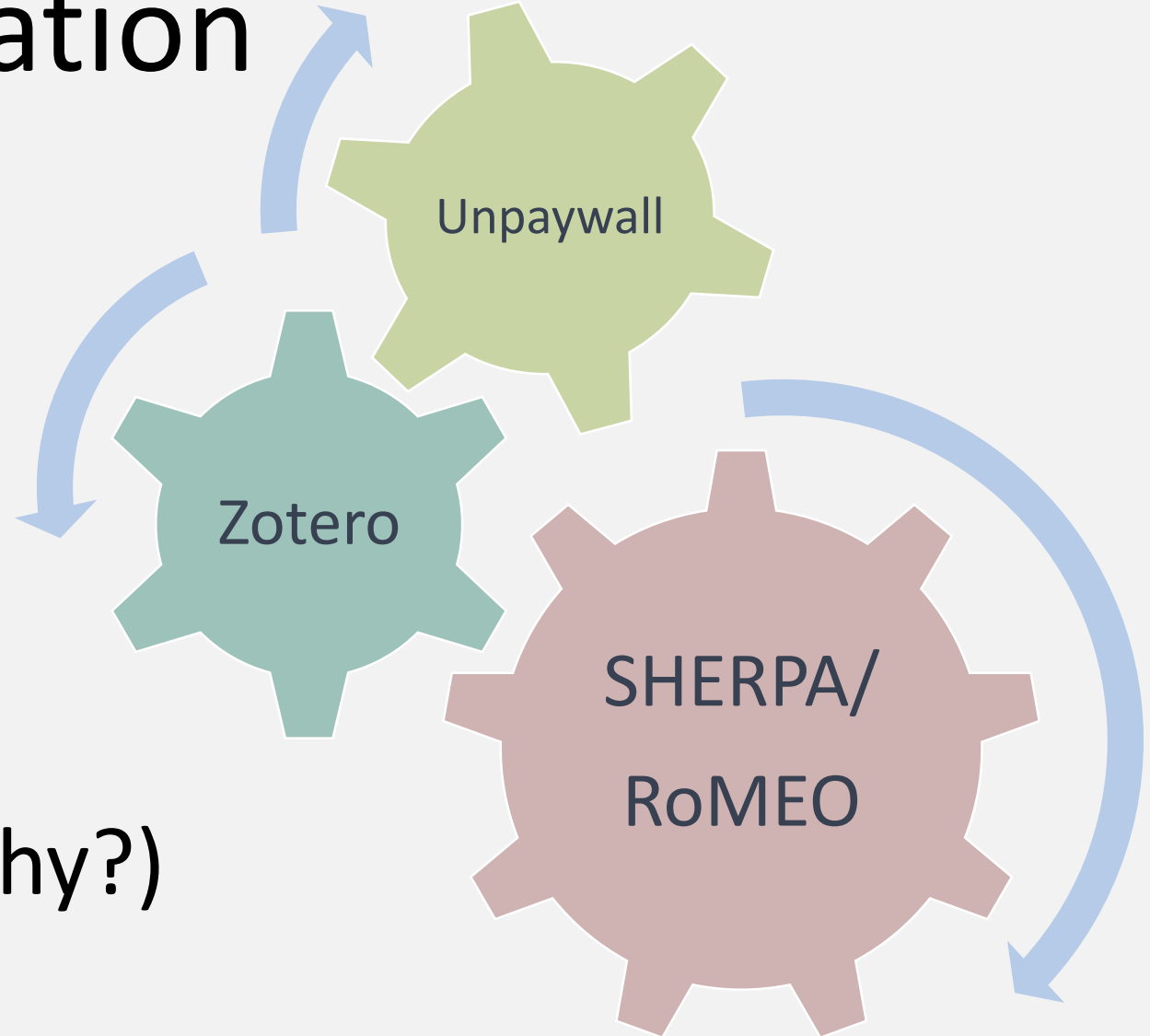
Access the preprint (including references for this presentation) on my SelectedWorks profile:



https://works.bepress.com/ashley_lowery/

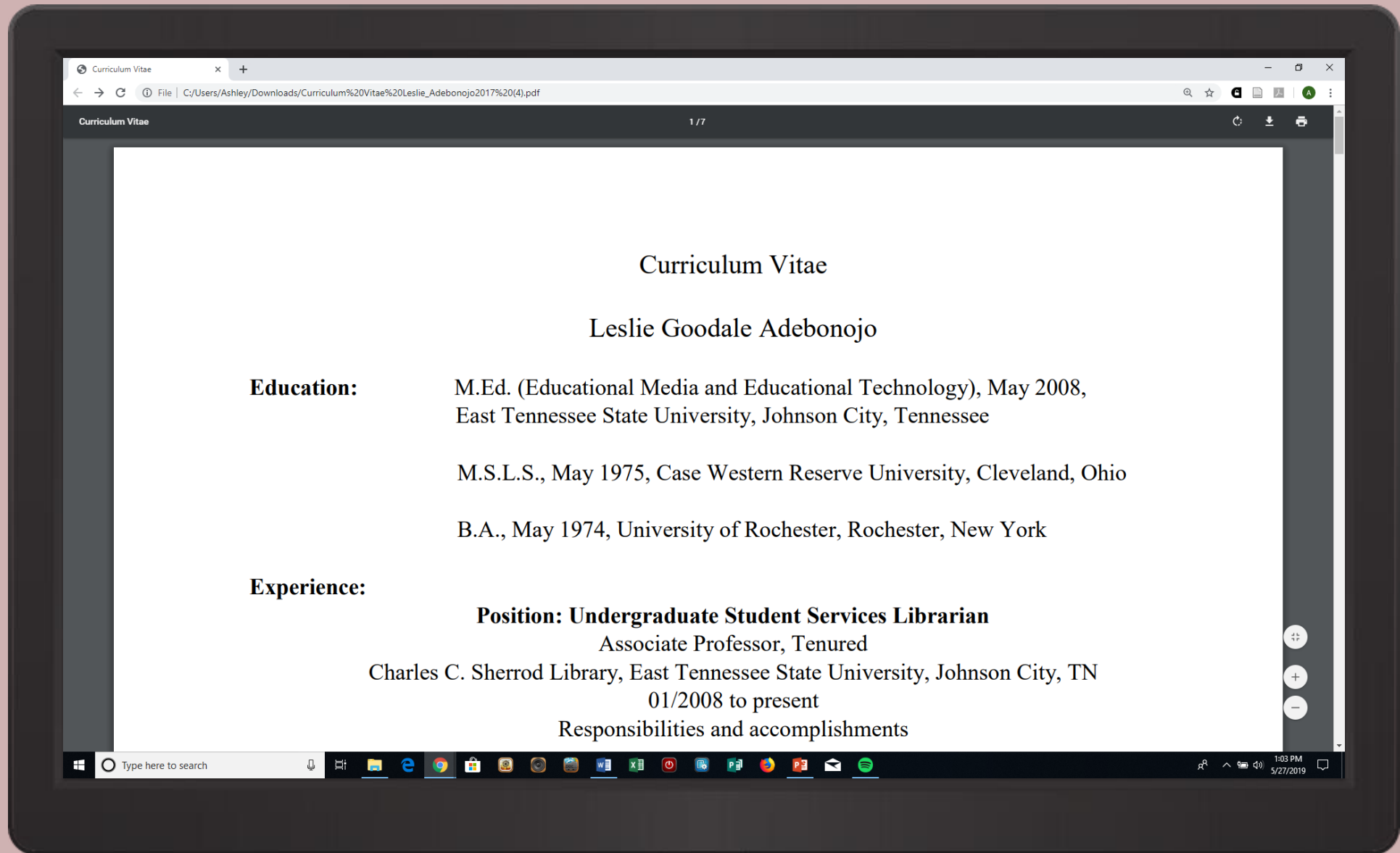
Outline of Presentation

- Workflow
- Analysis of Tools
 - Methodology
 - Literature Summaries
 - Study's Results
- Broader Significance (Why?)
- Questions



Workflow

#1: Receive CV from Faculty



#2: Import Publications into Zotero

The image shows a screenshot of a web browser displaying a Taylor & Francis Online article. The article title is "LibGuides to the rescue: The cure for the same old papers" by Leslie Adebonojo & Kathy Campbell. The page includes a search bar, a navigation menu, and a main content area with an abstract. A yellow circle highlights the "Full Article" button and a document icon in the top right corner of the page. The browser's address bar shows the URL: <https://www.tandfonline.com/doi/full/10.1080/10691316.2015.1070703>. The Windows taskbar is visible at the bottom of the screen.

LibGuides to the rescue: The cure for the same old papers

Journal
College & Undergraduate Libraries >
Volume 24, 2017 - Issue 1

474 Views
2 CrossRef citations to date
0 Altmetric

ARTICLES

LibGuides to the rescue: The cure for the same old papers
Leslie Adebonojo & Kathy Campbell
Pages 51-64 | Received 30 Mar 2015, Accepted 06 Jul 2015, Published online: 17 Oct 2016

Download citation <https://doi.org/10.1080/10691316.2015.1070703> Check for updates

Full Article Figures & data References Citations Metrics Reprints & Permissions Get a

ABSTRACT

Devising new ways to collaborate with faculty can be a challenge. In offering professors the opportunity to replace a written paper with a LibGuide assignment, the librarians hoped that the close working relationship necessary to ensure the success of this pilot would allow us to become actively engaged in the classroom. From the perspectives of faculty, a LibGuides assignment can represent an interesting alternative to a research paper that offers flexibility in design and content. For students, a LibGuide assignment can not only be fun but also challenging, since they will have to assess everything they put in the guide.

KEYWORDS: East Tennessee State University, faculty collaboration, LibGuides, research paper, term paper

Select Language | Translator disclaimer

PDF Help

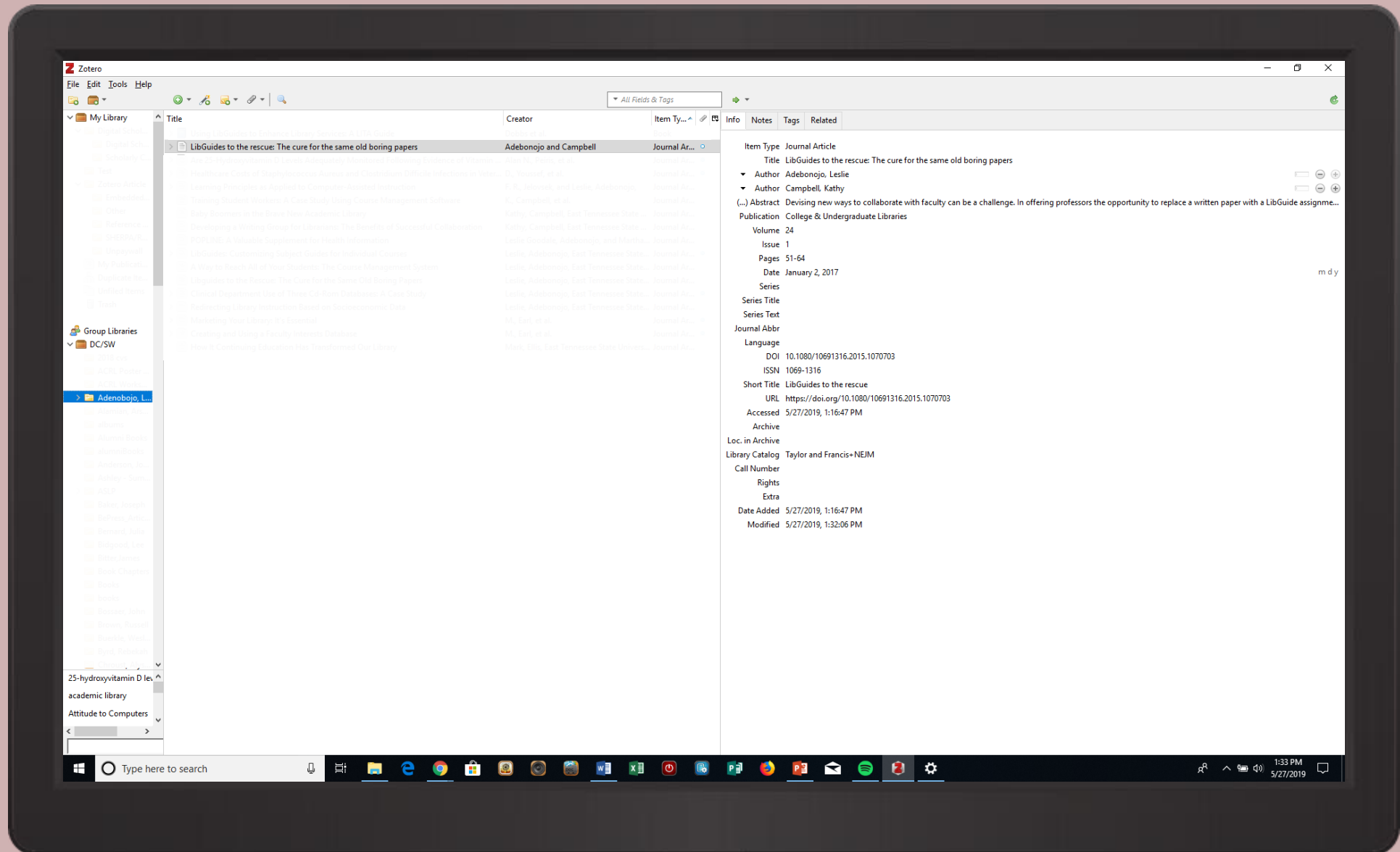
Login options
Log in
Shibboleth

Purchase * Save for later
Online

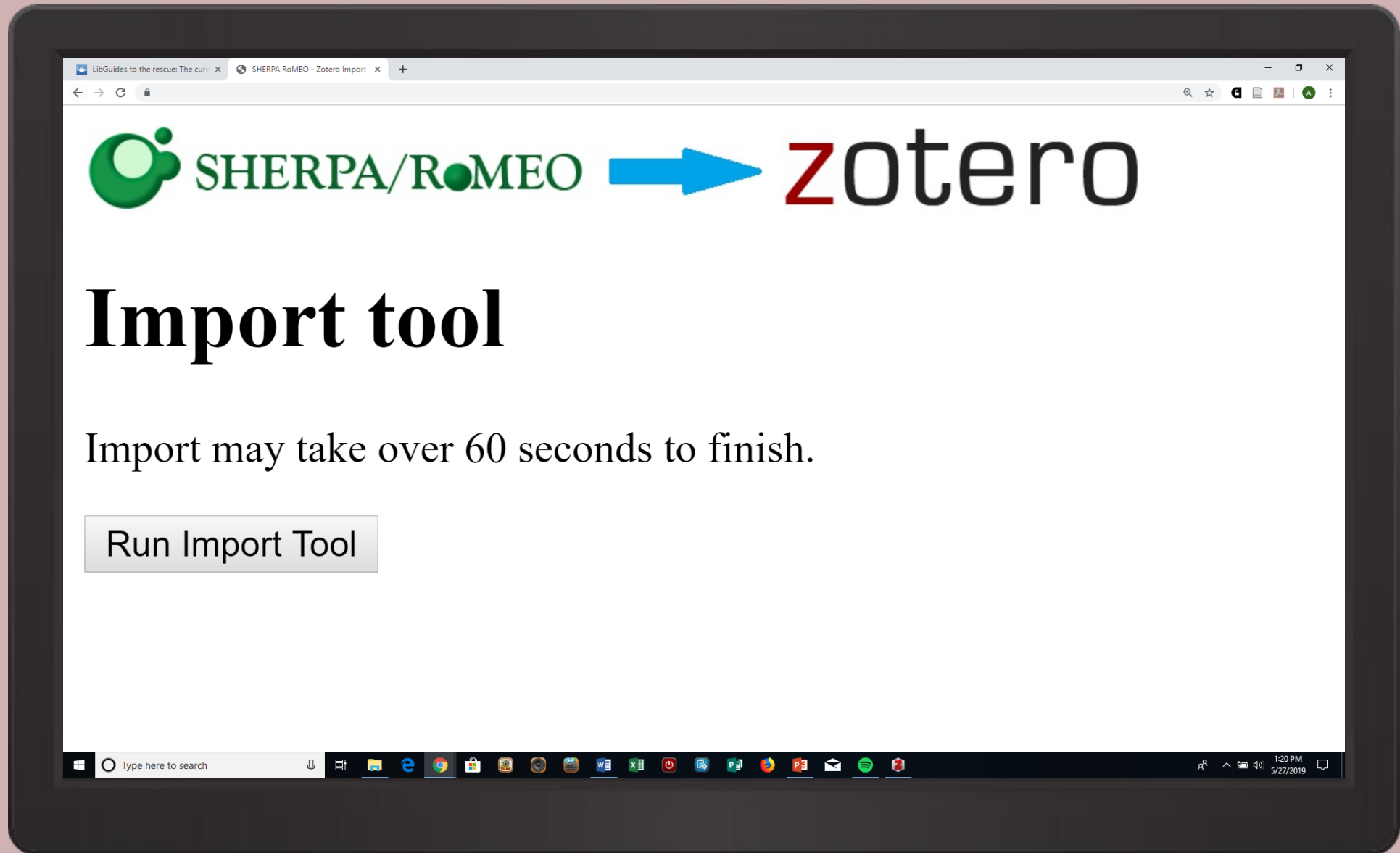
Type here to search

1:05 PM 5/27/2019

#2: Import Publications into Zotero



#3: Check Copyright Policies with SHERPA/RoMEO



The screenshot shows a web browser window with two tabs: "LibGuides to the rescue: The curri..." and "SHERPA RoMEO - Zotero Import...". The browser address bar is empty. The main content area features the SHERPA/RoMEO logo (a green circle with three dots) followed by the text "SHERPA/RoMEO" in green, a blue arrow pointing right, and the word "zotero" in black. Below this, the text "Import tool" is displayed in a large, bold, black serif font. Underneath, a paragraph states "Import may take over 60 seconds to finish." At the bottom of the content area, there is a grey button with the text "Run Import Tool". The Windows taskbar is visible at the bottom of the screen, showing the search bar, taskbar icons, and system tray with the time "1:20 PM" and date "5/27/2019".

LibGuides to the rescue: The curri... x SHERPA RoMEO - Zotero Import... x +

SHERPA/RoMEO → zotero

Import tool

Import may take over 60 seconds to finish.

Run Import Tool

Type here to search

1:20 PM 5/27/2019

#3: Check Copyright Policies with SHERPA/RoMEO

The screenshot shows the Zotero application interface. The main window displays a list of journal articles. The selected article is "LibGuides to the rescue: The cure for the same old boring papers" by Adebajo and Campbell. The detailed view on the right shows the following metadata:

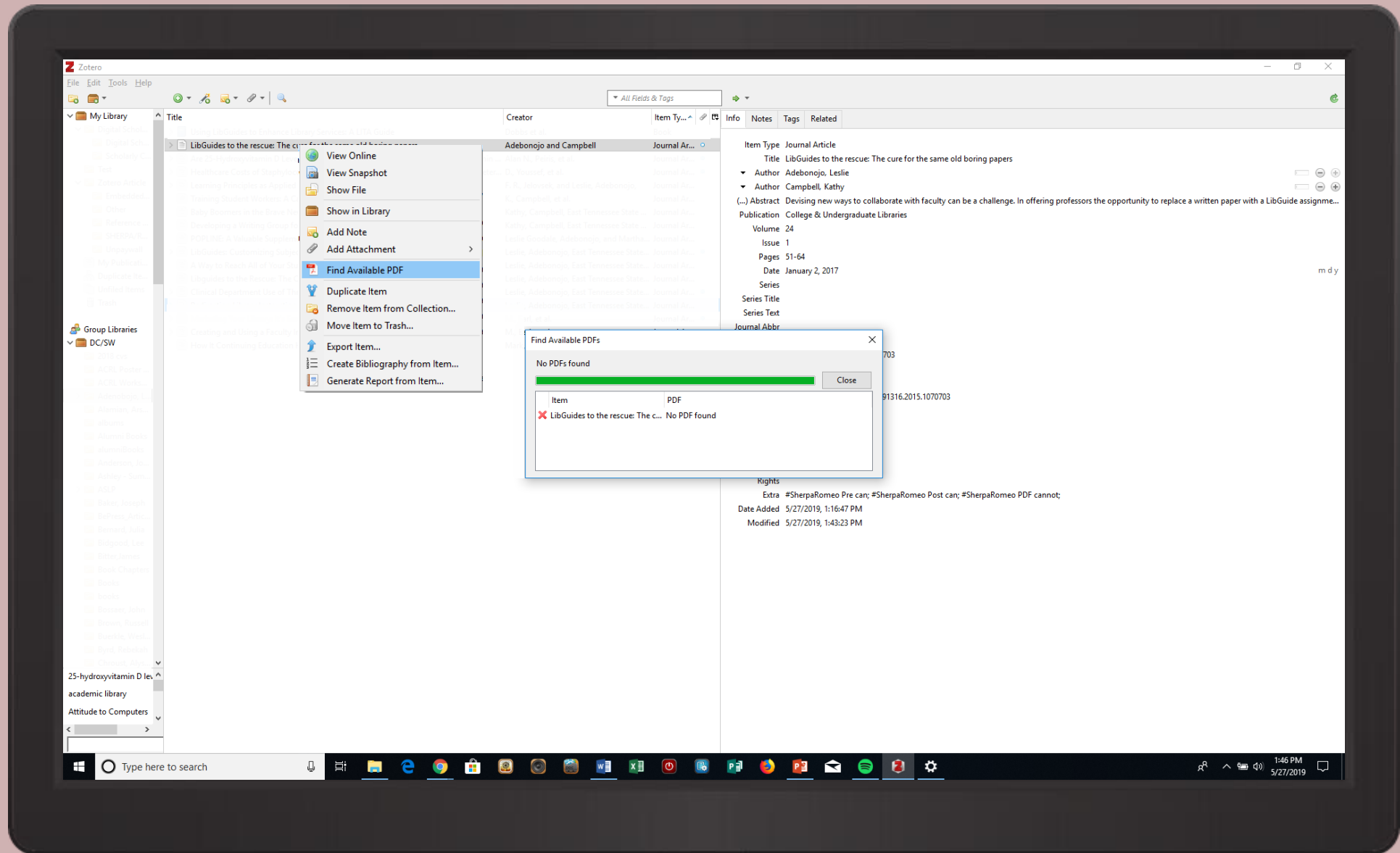
- Item Type: Journal Article
- Title: LibGuides to the rescue: The cure for the same old boring papers
- Author: Adebajo, Leslie; Campbell, Kathy
- Abstract: Devising new ways to collaborate with faculty can be a challenge. In offering professors the opportunity to replace a written paper with a LibGuide assignme...
- Publication: College & Undergraduate Libraries
- Volume: 24
- Issue: 1
- Pages: 51-64
- Date: January 2, 2017
- Series: m d y
- Series Title
- Series Text
- Journal Abbr
- Language
- DOI: 10.1080/10691316.2015.1070703
- ISSN: 1069-1316
- Short Title: LibGuides to the rescue
- URL: <https://doi.org/10.1080/10691316.2015.1070703>
- Accessed: 5/27/2019, 1:16:47 PM
- Archive
- Loc. in Archive
- Library Catalog: Taylor and Francis+NEJM
- Call Number

Two yellow boxes highlight specific metadata fields:

- Box 1 (top):
Extra #SherpaRomeo Pre can; #SherpaRomeo Post can; #SherpaRomeo PDF cannot;
Date Added 5/27/2019, 1:16:47 PM
Modified 5/27/2019, 1:43:23 PM
- Box 2 (bottom):
Extra #SherpaRomeo Pre can; #SherpaRomeo Post can; #SherpaRomeo PDF cannot;
Date Added 5/27/2019, 1:16:47 PM
Modified 5/27/2019, 1:21:58 PM

The Windows taskbar at the bottom shows the system clock as 1:43 PM on 5/27/2019.

#4: Locate Full-Text Documents with Unpaywall



#4: Locate Full-Text Documents with Unpaywall

The screenshot shows a web browser displaying the Taylor & Francis Online article page for "LibGuides to the rescue: The cure for the same old boring papers" by Leslie Adebonojo & Kathy Campbell. The article is from the journal "College & Undergraduate Libraries", Volume 24, Issue 1. The page features a navigation bar with "Log in", "Register", and "Cart" options. A search bar is present with the text "Enter keywords, authors, DOI etc." and a dropdown menu for "This Journal". The article title is prominently displayed, along with the authors' names and a "Get access" button. Below the title, there are options for "Full Article", "Figures & data", "References", "Citations", "Metrics", and "Reprints & Permissions". The abstract text is visible, starting with "Devising new ways to collaborate with faculty can be a challenge...". A "Purchase" button is also present, with a "Save for later" option. The page includes a "Select Language" dropdown and a "Translator disclaimer" link. A "PDF" button is located in the bottom right corner. The browser's address bar shows the URL "https://www.tandfonline.com/doi/full/10.1080/10691316.2015.1070703". The Windows taskbar at the bottom shows the time as 1:43 PM on 5/27/2019.

LibGuides to the rescue: The cure for the same old boring papers

Leslie Adebonojo & Kathy Campbell

Pages 51-64 | Received 30 Mar 2015, Accepted 06 Jul 2015, Published online: 17 Oct 2016

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Full Article | Figures & data | References | Citations | Metrics | Reprints & Permissions | Get access

ABSTRACT

Devising new ways to collaborate with faculty can be a challenge. In offering professors the opportunity to replace a written paper with a LibGuide assignment, the librarians hoped that the close working relationship necessary to ensure the success of this pilot would allow us to become actively engaged in the classroom. From the perspectives of faculty, a LibGuides assignment can represent an interesting alternative to a research paper that offers flexibility in design and content. For students, a LibGuide assignment can not only be fun but also challenging, since they will have to assess everything they put in the guide.

KEYWORDS: East Tennessee State University, faculty collaboration, LibGuides, research paper, term paper

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Purchase * | Save for later

Online

Type here to search

1:43 PM 5/27/2019

#5: Export, Transfer, Clean, and Upload Data

The image displays two side-by-side screenshots of Microsoft Excel spreadsheets, illustrating the process of data export, transfer, cleaning, and upload.

Left Spreadsheet: Exported Items LA - Excel

This spreadsheet contains a list of bibliographic records. The columns are:

- Key
- Item Type
- Publicatio
- Author
- Title
- Publicatio
- ISBN
- ISSN
- DOI
- Url
- Abstract
- N Date
- Date Added
- Date

Right Spreadsheet: etsu_works (7) [Compatibility Mode] - Excel


This spreadsheet shows a header row with the following columns:

- title
- fulltext url
- keywords
- abstract
- author1_iname
- author1_mname
- author1_iname
- author1_suffix
- aut

The Windows taskbar at the bottom indicates the time is 2:39 PM on 5/27/2019.

Analysis of Tools

Methodology: Compiled works in journals published from 2011 to 2016 by 36 faculty (3 assistant professors, 3 associate professors, 3 professors within each of the four disciplines).



89 in Art and Humanities

77 in Education

86 in Medicine and Health Sciences

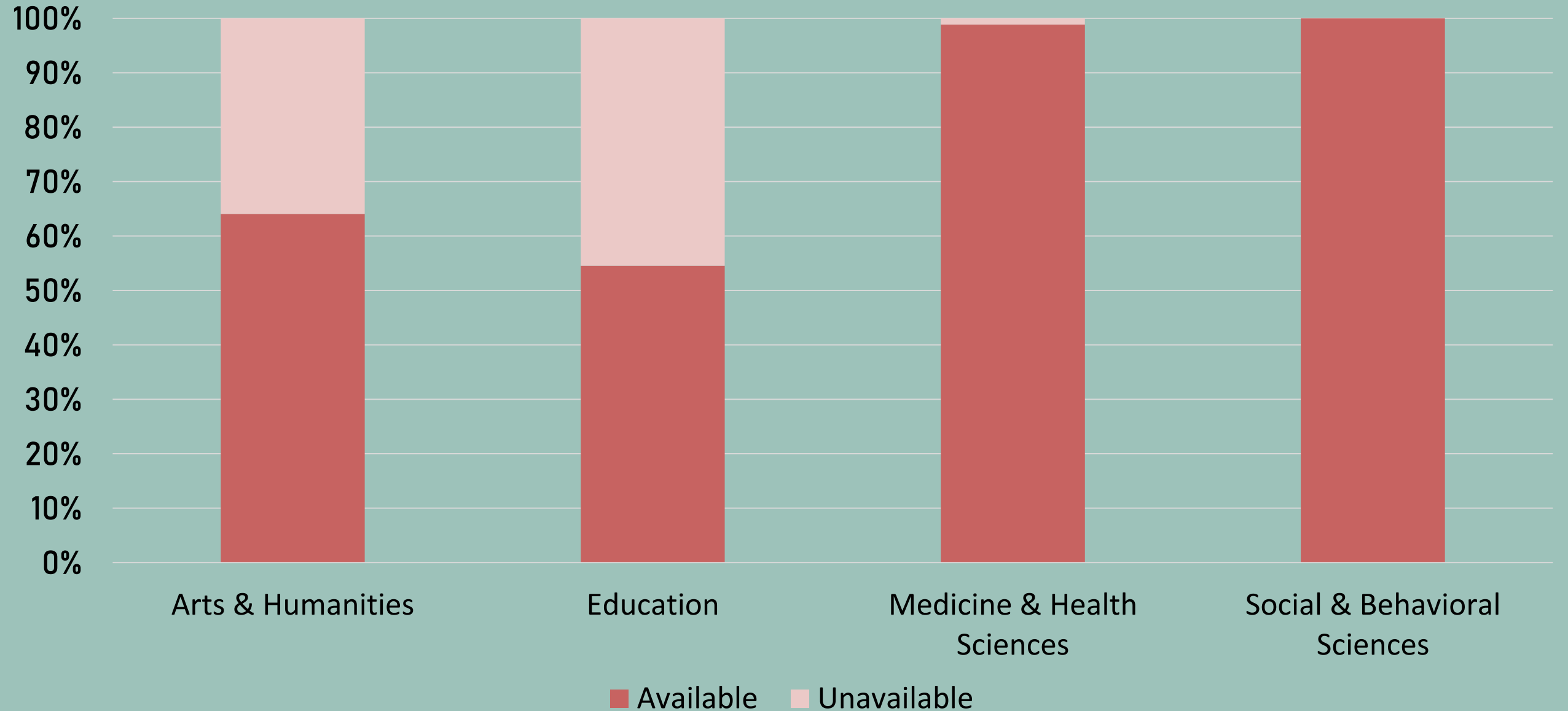
+ **120** in Social and Behavioral Sciences

372 Total Works

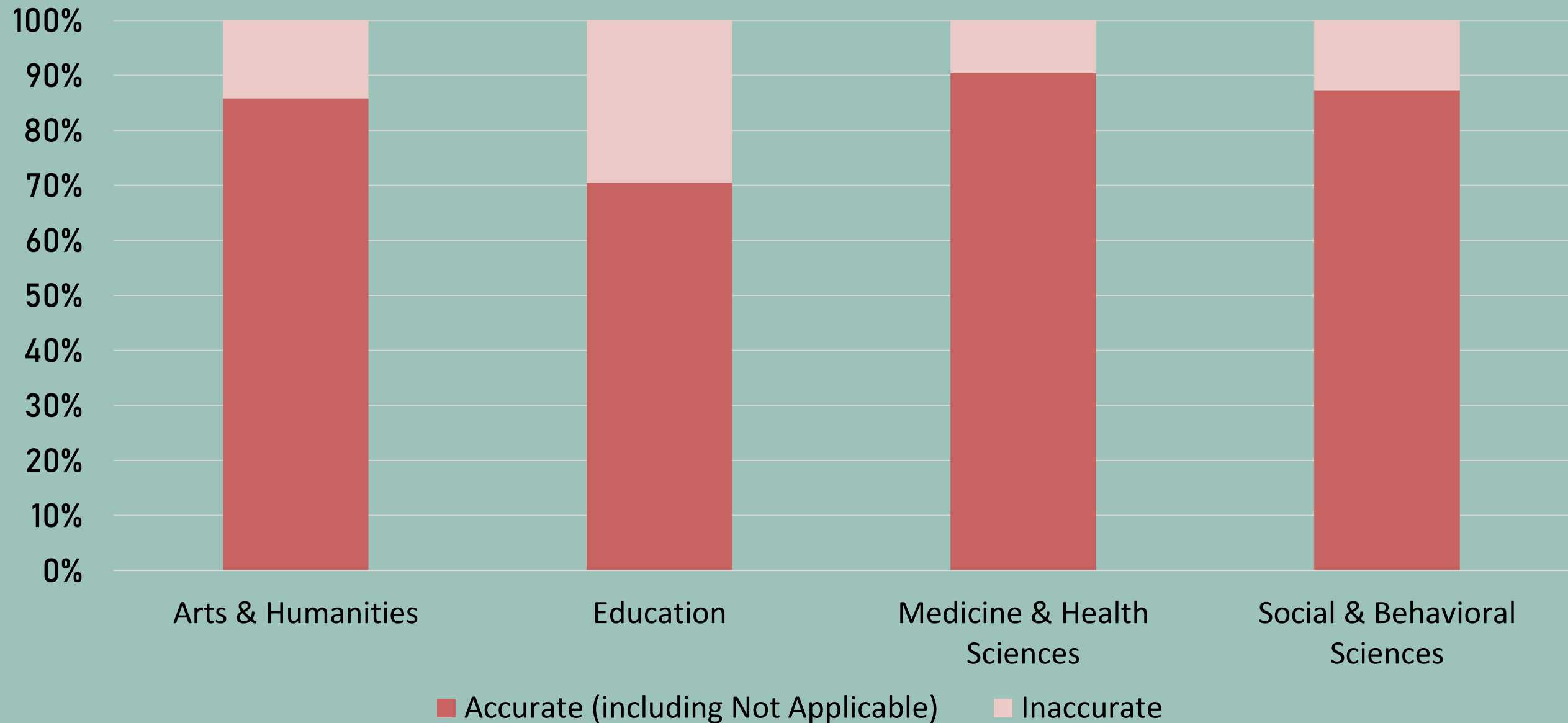
What does the literature say about Zotero and other Reference Management Software (RMS)?

No RMS, including Zotero, is perfect at importing records accurately.

Zotero: Availability



Zotero: Accuracy

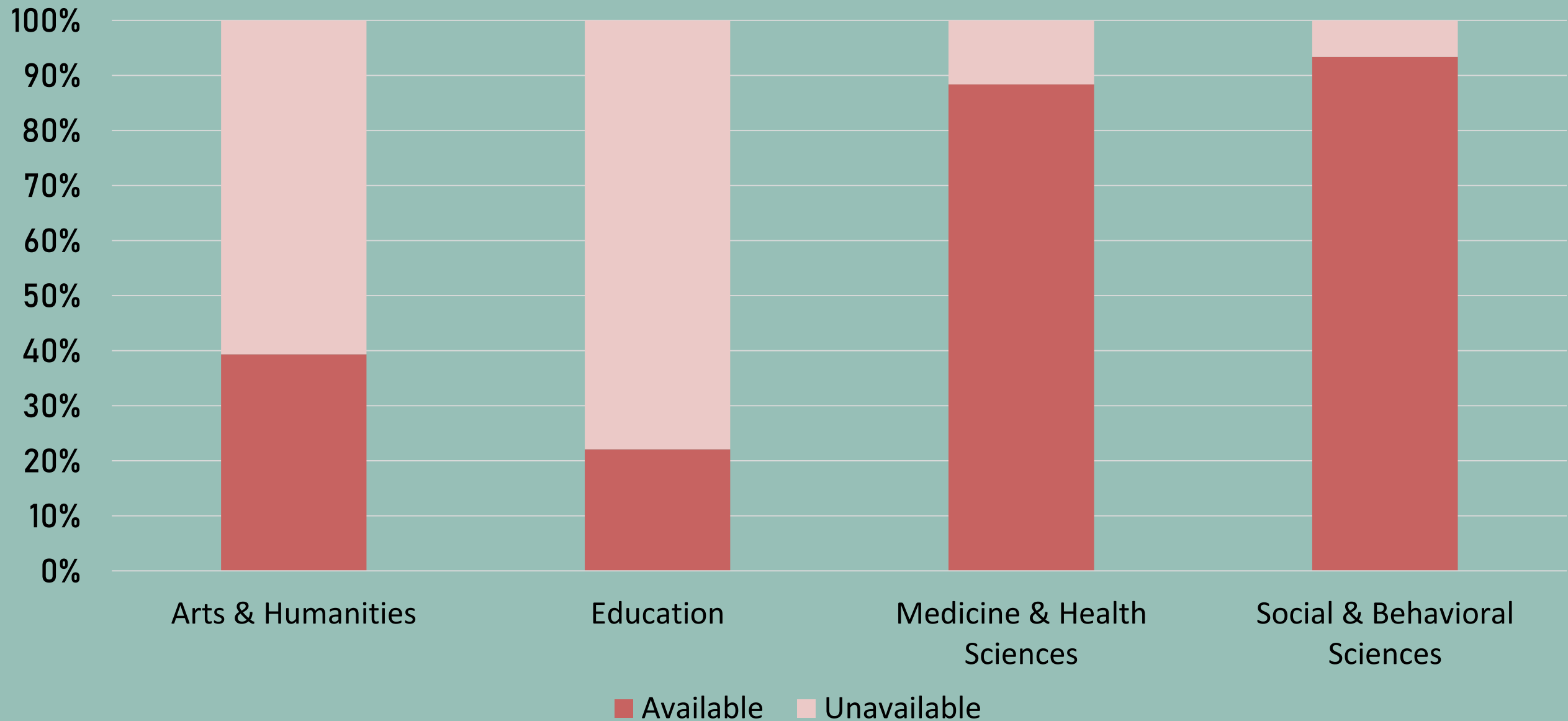


What does the literature say about SHERPA/RoMEO?

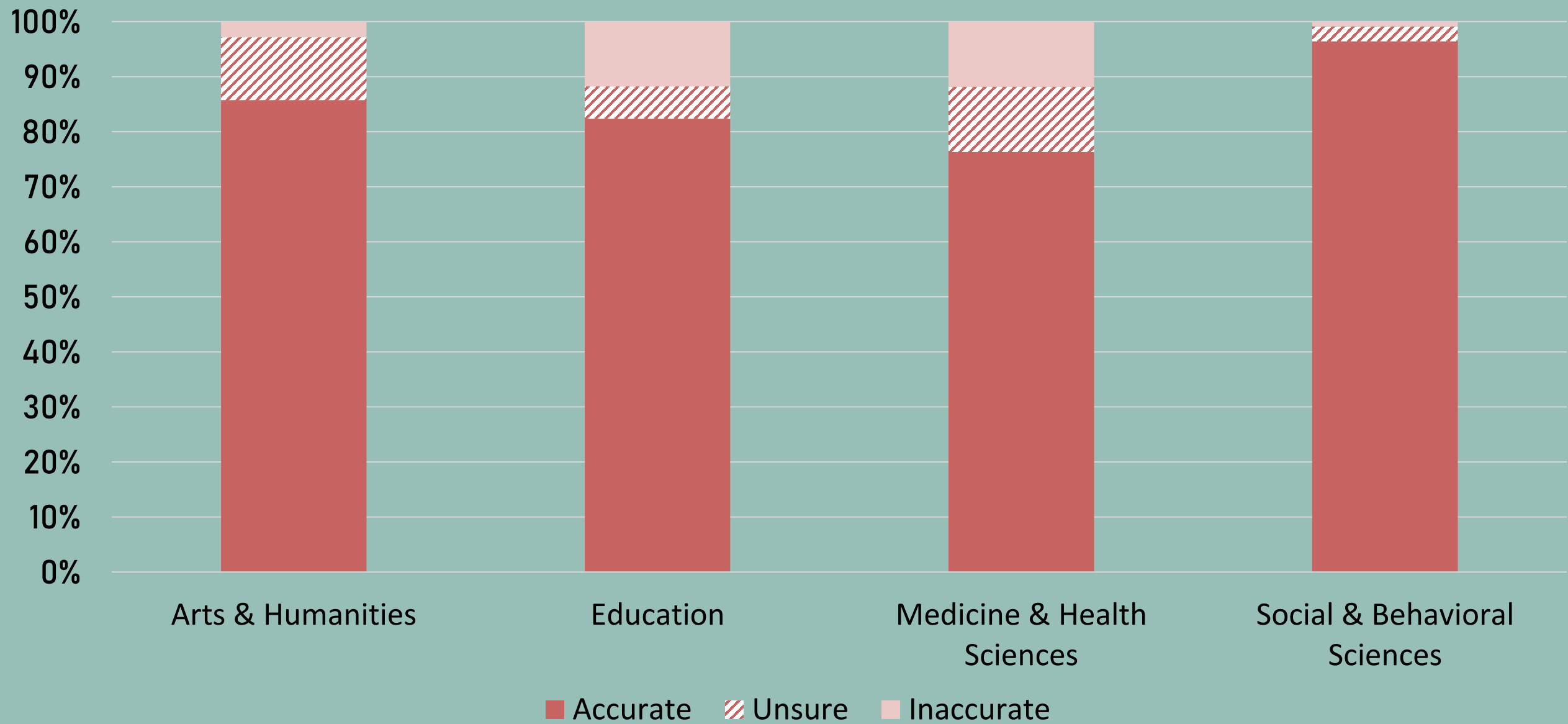
SHERPA/RoMEO is used as an authoritative source in studies.

Approximately 13% of searches in SHERPA/RoMEO from 6 studies resulted in Unknown, Ungraded, Unclear, and Unavailable records.

SHERPA/RoMEO: Availability



SHERPA/RoMEO: Accuracy

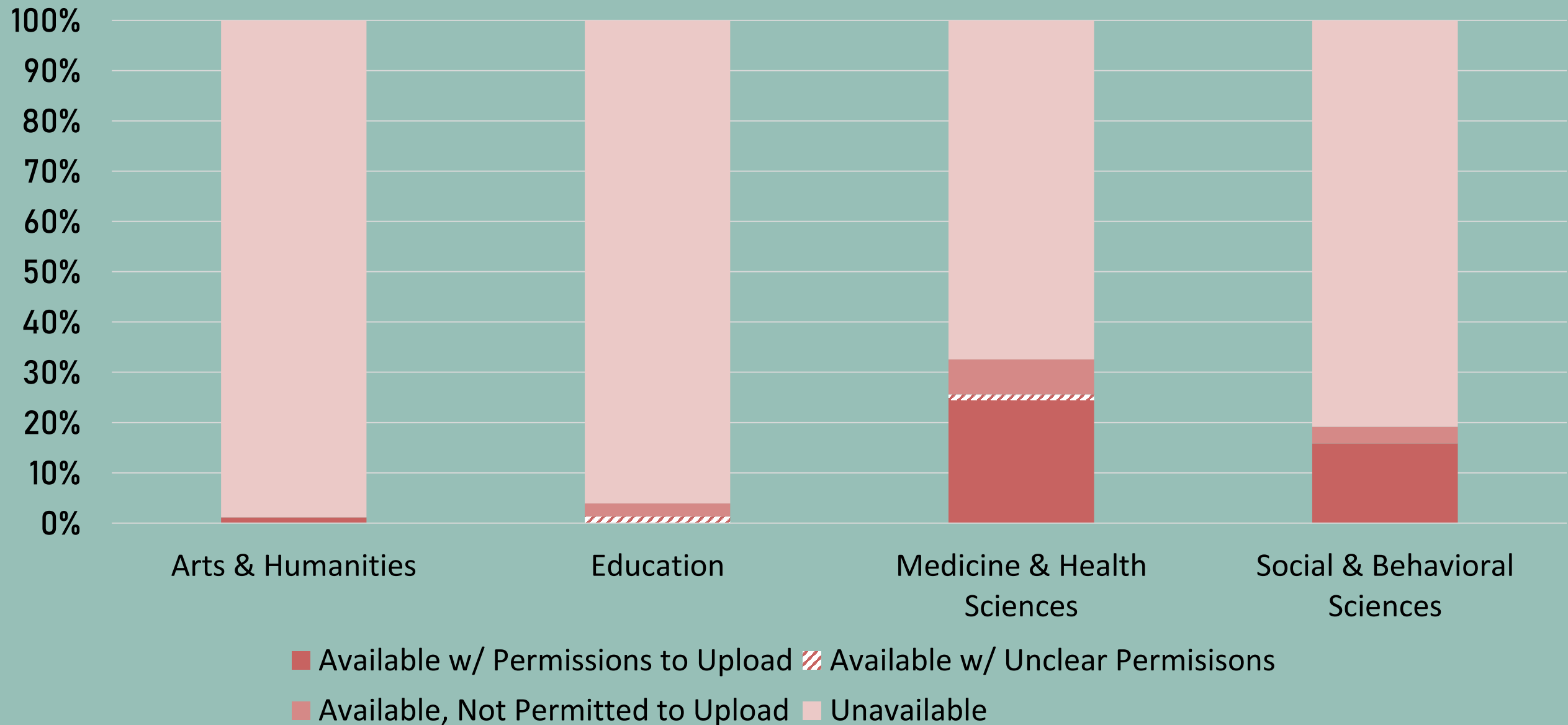


What does the literature say about Unpaywall?

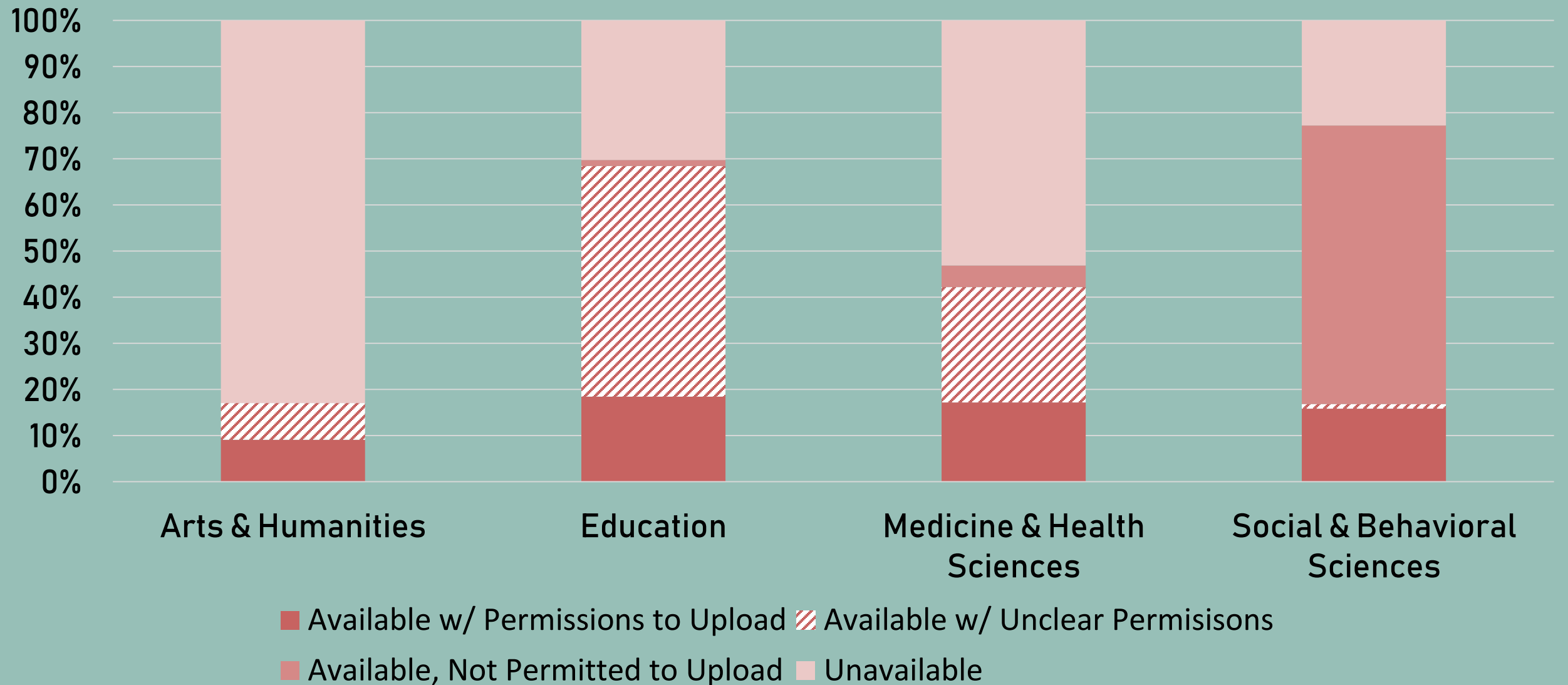
Google (Scholar) is the most successful at locating Open Access materials.

Unpaywall recalls 77% of articles in comparison to manual searches. Users encounter OA versions 47% of the time (Piwowar, 2018).

Unpaywall: Availability



Unpaywall: Accuracy



Note: For accuracy, works that Unpaywall could not locate a legally available document were searched in Google (Scholar).

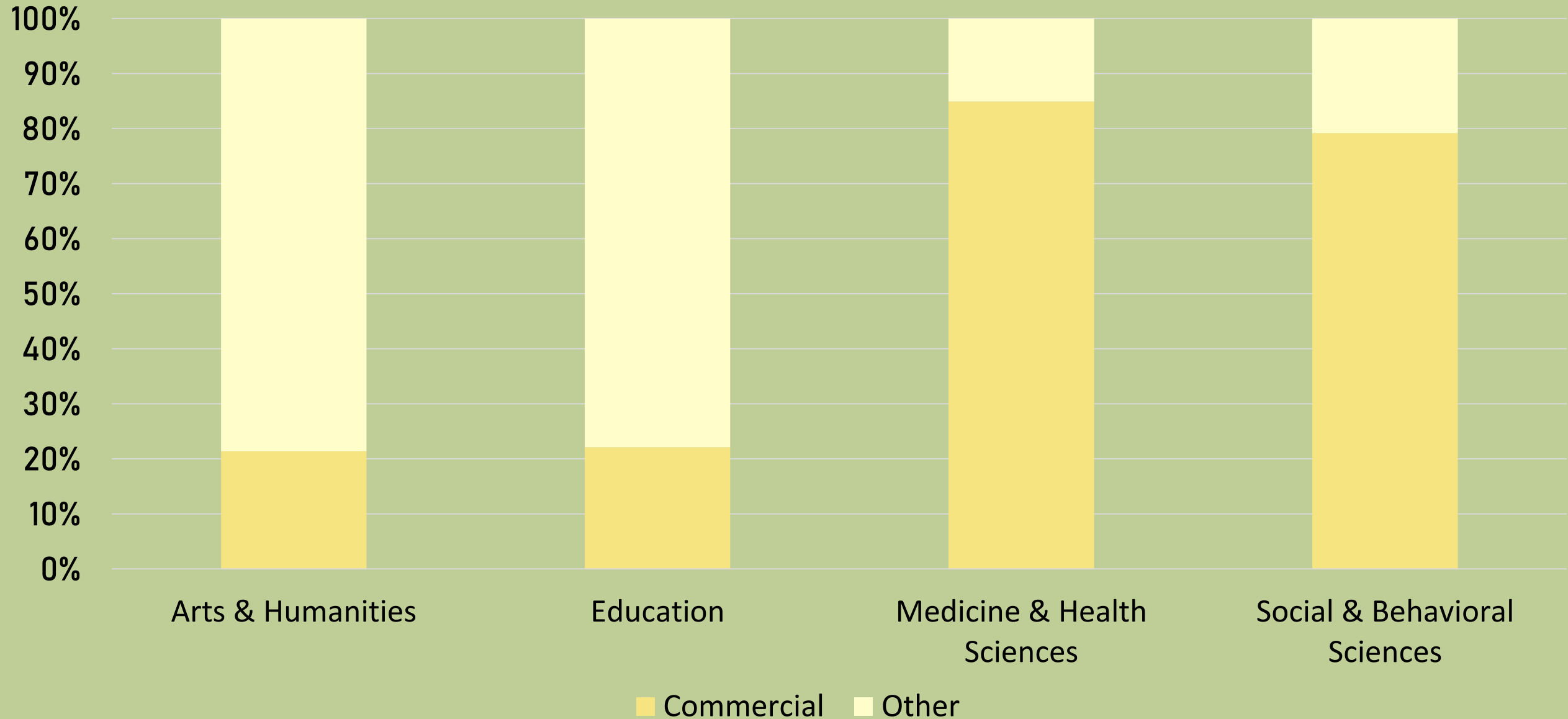
Why?

Study indicates that

PUBLISHER PRACTICES

not the tools are the reason for the
unavailability and inaccuracies.

Types of Publishers



Examples of Poor Publisher Practices

Not dedicating a single webpage to each work.

Examples:

Publishing issues within a single PDF.

Publishing little (title, author, pages) or no information on each work.

Not listing the copyright policy on the journal's or publisher's website.

OR

Having a copyright policy without clear statements on preprints, postprints, and/or publisher versions.

No Digital Object Identifier (DOI) for
each work.

Questions?